

PATENT



HE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 10/791,194

Filed: March 2, 2004

For: METHODS FOR PREPARING BALL GRID ARRAY SUBSTRATES VIA USE OF

A LASER

Confirmation No.: 1948

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.2US

(00-0316.02/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 13, 2006

Leta M. Howard Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. The listed documents were cited by the Office in co-pending application Serial No. 11/327,817, filed on January 6, 2006, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>	
US - 5,688,158	11/1997	Jones et al.	
US - 6,732,266	05/2004	Anderson et al.	

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application.

Respectfully submitted,

James R. Duzan

Registration No. 28,393 Attorney for Applicant

TRASKBRITT P.O. Box 2550

Salt Lake City, Utah 84110-2550

Sames R. Dungs

Telephone: 801-532-1922

Date: September 13, 2006

JRD/sfc:lmh

Enclosure: Form PTO/SB/08

Document in ProLaw

PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

2269-4718.2US (00-0316.02/US)

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the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known 10/791,194 INFORMATION DISCLOSURE Application Number Filing Date March 2, 2004 STATEMENT BY APPLICANT Frank L. Hall First Named Inventor Group Art Unit 1725 S. Heinrich (use as many sheets as necessary) Examiner Name

Attorney Docket Number

Sheet

Examiner Cite No. 1		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	Dance Columns Lines When Delayers
	Cite No.1	Number - Kind Code ² (if known)		Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,688,158	11/1997	Jones et al.	
		US- 6,732,266	05/2004	Anderson et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Cite	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner Signature	Date Considered	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.